OvisLink
The Total Networking Solution

FSH-16W

16-port Fast Ethernet Switch
16 10/100 Mbps Auto MDI/MDI-X ports
Web management
Rate Control, TAG VLAN, Trunking, Priority, Port Mirror.

This device offers a complete solution; thanks to its 16RJ45 Fast Ethernet ports.

Remote management via web.
The management possibility permits users to configure the switch via the web, gaining access to multiple options in an easy and safe way.

VLAN Tag Based.
The FSH16W is equipped with multiple and numerous advanced management characteristics. VLAN Tag based permits the administrators to configure the virtual groups via various switches. The private VID function makes it possible to identify and mark the information packets. With these functions, complex VLAN configurations are much simpler.

Ratio control, Trunking, Broadcast Storm filter.
The ratio Control makes it possible to control the velocity of each port up to 127 levels. The Broadcast Storm Filter prevents the possibility of a station inundating the net with a massive sending of Broadcast packets. The MAC-based Trunking makes it possible to combine several ports multiplying the velocity of a specific link. Priority makes it possible to give some priority to what ports the administrator deems suitable. The static MAC address table makes it possible to manually enter the MAC addresses of the ports. Port Mirror makes it possible to analyse the packets sent and diagnose them.

Technical features:

- **Bandwidth Control.**
- **Hardware :**
  - 16 RJ45 10/100 Mbps. ports
  - Auto MDI/MDI-X.
- **LED's:** Power, Link/ACT, 10/100 Mbps.
- **Standards:**
  - IEEE 802.3 10BASE-T Ethernet,
  - IEEE 802.3x 100BASE-T Ethernet
  - ANSI/IEEE standard 802.3 N-Way auto-negotiation
  - IEEE 802.1q Vlan 8 Groups
  - IEEE 802.1ad Port Trunking
  - IEEE 802.1p: LAN Layer 2 QoS/CoS Protocol for Traffic Prioritization
- **Network Cables:**
  - 10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 (100m)
  - 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA / TIA-568 (100m)
- **Management interface :**
  - Web
- **Protocol:** CSMA/CD.
  - Max Forwarding Rate y Max Filtering Rate: 14,880 pps Ethernet port,148,800 pps por Fast Ethernet port.
- **Power source:**
  - Power source included
  - Entrance: 100~250V AC, 50~60Hz
  - Consumption: 25W
- **Management functions:**
  - Flow control for half and full duplex operations.
  - Filter for broadcast sending
  - Ports Status: On/Off, Link, Auto Negotiation, Speed, Duplex, Flow Control, Priority
  - Traffic statistics per port: Tx Good Packets, Rx Good Packets, Tx Bad Packets, Rx Bad Packets, Tx Abort, Collision, Drop Packets
  - VLAN:
    - Based per port
    - 802.1Q tag- VLAN. support
    - 802.1p. support 3 levels of priority.
    - Port-Trunking:
    - Up to 2 4-port groups.
    - Port Mirror Function
    - Firmware can be updated via the web
- **Dimensions:**
  - 440mm x 225mm x 44mm (L x W x H).
  - 19" size for rack installation.
- **Weight: 2.5 KG**
- **Certifications:**
  - FCC 15 Class A
  - CE mark, Class A